

### ABSTRACT

The invention relates to *Brachyspira pilosicoli* 72 kDa outer-membrane protein (Bpmp-72) and its amino acid and ~~neueleotide~~ nucleotide sequence. The invention also relates to the uses of these sequences in prophylactic (vaccination) and therapeutic treatment of infections with *Brachyspira pilosicoli* (internal spirochaetosis).

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